

The background of the advertisement is a black and white photograph of a large ship's hull under construction. The hull is dark and metallic, with various structural elements and rivets visible. Scaffolding is erected around the hull, and a large, conical structure, possibly a funnel or part of the superstructure, is being built in the center. The sky is a uniform light gray. In the top left corner, the Lincoln Electric logo is displayed. The logo consists of the word "LINCOLN" in white, bold, sans-serif capital letters on a black rectangular background, with a registered trademark symbol (®) to its right. Below this, the word "ELECTRIC" is written in white, bold, sans-serif capital letters on a red rectangular background. A large, vertical red banner on the right side of the image contains the word "OUTERSHIELD" in white, bold, sans-serif capital letters, with a registered trademark symbol (®) at the top. At the bottom of the image, a red horizontal banner contains the text "OUTERSHIELD® 71E-H" in white, bold, sans-serif capital letters, followed by "The Best Arc For Shipbuilding Applications" in a smaller, white, sans-serif font.

LINCOLN®
ELECTRIC

OUTERSHIELD® 71E-H

The Best Arc For Shipbuilding Applications

OUTERSHIELD®

OUTERSHIELD® 71E-H



AWS A5.20 : E71T-1M-JH4/E71T-1C-H4

ISO 17632-A : T 46 3 P M 1 H5 / T 42 0 P C 1 H5

Advantages:

- Rutile flux cored wire for high quality welding with M21 gas
- Excellent operator appeal due to superior welding characteristics
- Superior product consistency with optimal alloy control
- Full out-of-position capability with high deposition rates
- H4 class in 1.6mm diameter
- ABS, DNV-GL, LRS, BV, CWB, RINA, TUV, DB, RMRS approved

Welding positions

(ISO/ASME)



PA/1G



PB/2F



PC/2G



PF/3Gu



PG/3Gd



PE/4G

Chemical composition, weld metal, M21 (wt. %):

C	Mn	Si	P	S
0.04	1.4	0.6	≤0.013	≤0.010

Mechanical properties, weld metal, AW, M21 gas:

Re, MPa	Rm, MPa	A, %	CVN @-20°C, J	CVN @-30°C, J
570	620	25	90	65

Ordering information

Item # by most popular customer' choice:

Item #	D, mm	Coil/Drum	Weight in kg
900118N	1.2	B300	16
900125	1.2	S200	5
900149N	1.2	S300	16
900156N	1.2	B300	16
900297	1.2	Accutrack	200
900234N	1.4	S300	16
900262N	1.6	S300	16